



Dow Building and Construction Solutions

GREAT STUFF PRO™ Gasket

Product Information

1. PRODUCT NAME

GREAT STUFF PRO™ Gasket

2. MANUFACTURER

The Dow Chemical Company
Dow Building Solutions
1501 Larkin Center Drive
200 Larkin Center
Midland, MI 48642
1-866-583-BLUE (2583)
Fax 1-989-832-1465
www.dowbuildingsolutions.com

3. PRODUCT DESCRIPTION

GREAT STUFF PRO™ Gasket is an one component water-based flexible foam gasket enabling effective wall energy performance by creating a gasket between the drywall and framing. It dries to a durable, flexible gasket which compresses to enable a flat, uniform drywall plane. Before curing, spills and tools can be cleaned with water or a wet cloth.

Table 1. Physical Properties of GREAT STUFF PRO™ Gasket

Typical Properties	Results
Foam wet density	0.05-0.10 g/cc.
Yield (per can)	- 3/8" bead: 360 linear feet - 1/2" bead: 200 linear feet - 5/8" bead: 130 linear feet
Air Seal Effectiveness, ASTM E283 at 50Pa	Blocked 98% of air leakage (vs no gasket) when gasket is applied at upper top plate, bottom plate, and vertical studs on end of an 8x8ft wall ⁽¹⁾ .
Flame Spread/Smoke Developed	0 / 0 Flame Spread/Smoke Developed, ASTM E84 ⁽²⁾⁽³⁾

⁽¹⁾ Contact your Dow representative for details of this test modification.

⁽²⁾ This numerical flame spread rating is not intended to reflect hazards presented by this or any other material under actual fire conditions.

⁽³⁾ Tested as applied in three – 3/4 inch (19 mm) diameter beads 5 inches (127 mm) on center covering 12.5% of the exposed test sample area.

Basic Use

GREAT STUFF PRO™ Gasket is designed to form a gasket-in-place foam where it is applied to the interior face of framing lumber, especially top and bottom plates, inside and outside corners and around rough openings. The gasket withstands damage during drywall installation, and once compressed behind the drywall it forms an airtight gasket. It is especially effective at blocking air leaks past the top plate into the attic and through the bottom plate and the rim joist.

- Rapid installation from an aerosol can on a Pro gun – no power tools needed
- Water-based and water clean-up before cure
- Flexible and easily compressible
- Seals over rough framing features, joist hangers, strapping, etc

Accessories

Use the specially designed GREAT STUFF PRO™ Gasket Dispensing Gun, identifiable by its blue handle, which matches the blue collar on the cans. This gun is compatible with the water-based product, and comes with a hose adapter for easily flushing water through the gun. This gun is NOT compatible with polyurethane foams. Do NOT use solvent based gun cleaners. Do not dump rinse water into sewer, on ground or in a body of water.

4. TECHNICAL DATA

Applicable Standards

GREAT STUFF PRO™ Gasket has been tested to the following:

- ASTM E84 – Standard Test Method for Surface Burning Characteristics of Building Materials
- ASTM E283 – Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen. (Modification to measure the gasket effectiveness between 2x4 lumber and drywall.)

Contact your Dow sales representative or local authorities for state code requirements.

5. INSTALLATION

GREAT STUFF PRO™ Gasket should be applied when outdoor temperatures are between 32° - 100°F (0° - 38°C). Optimum can temperature is 60° - 90°F (15° - 32°C.) and relative humidity <60%. At relative humidity > 70%, GREAT STUFF PRO™ Gasket beads will dry with some shrinkage. The gasket function is retained. Users may increase bead size from 1/2" to 3/4" to compensate for this greater drying shrinkage. Surface where applied should be free of grease, oil, frost and liquid water. Damp surfaces will not impair the bond.

Apply a continuous 1/2" bead on the interior face of lumber which forms top plates, bottom plates, corners formed at wall intersections, and around rough openings for windows and doors. After beads have dried (6 hours, up to 24 hours in highest humidity), install drywall in the usual fashion.

Safety and Conditions of Use

- Read the label and (Material) Safety Data Sheet ((M)SDS) carefully before use.
- GREAT STUFF PRO™ Gasket is incompatible with one component, moisture curing polyurethane foam, including the various GREAT STUFF™ Insulating Foam Sealants. Dispense GREAT STUFF PRO™ Gasket only through the GREAT STUFF PRO™ Dispensing Gun, and never dispense moisture curing polyurethane foam through the GREAT STUFF PRO™ Gasket Dispensing Gun.
- GREAT STUFF PRO™ Gasket contains flammable blowing agents. Vapor may travel to other rooms. Ensure adequate ventilation. Shut off all pilot lights and extinguish open flames; eliminate all sources of ignition before use. Do not smoke or use lighters or matches while dispensing foam.
- Do not breathe vapor or mist. Use in well-ventilated areas or wear proper respiratory protection.

- The contents are under pressure. The can may burst if left in areas susceptible to high temperatures, such as motor vehicles, or near radiators, stoves or other sources of heat. Do not place can in water. Do not puncture, incinerate or store at temperatures above 120°F (49°C).
- GREAT STUFF PRO™ Gasket should not be used around heaters, furnaces, fireplaces, recessed lighting fixtures or other applications where the foam may come in contact with heat-conducting surfaces. For proper ventilation of combustion appliances, visit www.epa.gov/iaq/homes/hipventilation.html
- Do not inject GREAT STUFF PRO™ Gasket into large or confined cavities such as behind holes in drywall or under tub wall surrounds where flammable vapors may collect. Foam must be exposed to air to thoroughly cure by drying.
- GREAT STUFF PRO™ Gasket is not a fireblock material.

Visit www.dowbuildingsolutions.com or contact a local Dow representative for more specific instructions.

Sizes

GREAT STUFF PRO™ Gasket is available in 18 oz. (510 g) containers.

6. AVAILABILITY

GREAT STUFF PRO™ Gasket is distributed through an extensive network. For more information, call: 1-800-232-2436.

7. WARRANTY

NOT APPLICABLE.

8. MAINTENANCE

GREAT STUFF PRO™ Gasket has a shelf life of 12 months when stored at 75°F (24°C).

9. TECHNICAL SERVICES

Dow can provide technical information to help address questions when using GREAT STUFF PRO™ Gasket. For technical assistance, call: 1-866-583-BLUE (2583).



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1501 Larkin Center Drive
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For Technical Information:
1-866-583-BLUE (2583)

For Sales Information:
1-800-232-2436

dowbuildingsolutions.com

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CAUTION: GREAT STUFF PRO™ Gasket sealant products contain a flammable blowing agent. Read all instructions and (Material) Safety Data Sheet ((M)SDS), carefully before use. Eliminate all sources of ignition before use. Wear long sleeves, gloves, and safety glasses or goggles. Not for use in aviation, or food/beverage contact, or as structural support in marine applications. Provide adequate ventilation or wear proper respiratory protection. Contents under pressure. Not to be used for filling closed cavities or voids such as behind walls and under tub surrounds; this improper use of the product could result in the accumulation of flammable vapors and/or uncured material. Failure to follow the warnings and instructions provided with the product, and/or all applicable rules and regulations, can result in injury or death.

CAUTION: When cured, these products are combustible and will burn if exposed to open flame or sparks from high-energy sources. For more information, consult (Material) Safety Data Sheet ((M)SDS), call Dow at 1-866-583-BLUE (2583) or contact your local building inspector. In an emergency, call 1-989-636-4400 in the U.S.

When air sealing buildings, ensure that combustion appliances, such as furnaces, water heaters, wood burning stoves, gas stoves and gas dryers are properly vented to the outside. See website: <http://www.epa.gov/iaq/homes/hip-ventilation.html>.